



Differential Equations and Applied Math Seminar

Dr. Ray Treinen, Texas State University

11am-12pm September 23rd, 2016

333 Derrick Hall

Title: Sets of finite perimeter for the equilibrium state of three immiscible fluids III

Abstract: We will continue our study of the equilibrium state of three immiscible fluids using sets of finite perimeter. We will prove the monotonicity of scaled energy with a so-called monotonicity formula. We will discuss some implications of this formula, as well as what it does not achieve.

Interested faculty and graduate students are encouraged to attend.